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(54) Title: APPARATUS AND METHOD OF ON-CHANNEL REPEATER

(57) Abstract: Provided is an on-channel repeater and method thereof. The on-channel repeating apparatus includes: a receiving unit for receiving a Radio Frequency (RF) broadcast signal; a demodulating unit for converting the RF signal into a baseband signal; an equalizing unit for equalizing the baseband signal to generate an equalized baseband signal; a modulating unit for converting the equalized baseband signal into an RF signal; and a transmitting unit for transmitting the RF signal.

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